



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBD29823-5A
Job Sheet 198489



Part No: RBD29823-5A

Job Qty: 6 pcs

Part Name: Tail Rotor Nut Wrench "D" Model (New Design)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/30/19

Job Tracking No:

Due Date: 9/12/19

Created By: Marie Lajeunesse

Type: SOLD

Description: ORDER 18267

Note: DWG RBD29823-5A Rev 3 IPP Rev.A 17.08.30 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Waterjet - Omax - 1	6 pcs	9/12/19	9/12/19	0.17	0.50	Waterjet - Omax		09/19/08/21e
120	QC 2	6 pcs	9/12/19	9/12/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		09/19/08/21e
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S208692



Part: RBD29823-5A

Job No: 198489

Serial No/Batch: S208692

Revision: 3

Inspector:

Exp Date:

Instructions:

Date: 09/20/19

130	QC 8	6 pcs	9/12/19	0.00 0.00	QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
150	Outsource - 1 - Heat Treat	6 pcs	9/12/19		ATL002-VC	5
151	Packaging 2-1 - Receive - B4B	6 pcs	9/12/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	

DAS

40

AUG 29 2019 9:59

2019-09-04

DP SEP 11 2019

				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
152	QC 6	6 pcs	9/12/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
					QC 6 - 81
160	Outsource - 12 - Black Oxide	6 pcs	9/12/19		GRO002-VC
190	Packaging 2-2 - Receive - B4B	6 pcs	9/12/19	0.00 0.00	Packaging 2 - 1 - B4B
					Packaging 2 - 2 - B4B
					Packaging 2 - 3 - B4B
					Packaging 2 - 5 - B4B
					Packaging 2 - 4 - B4B
					Packaging 2 - 6 - B4B
					Packaging 2 - 7 - B4B
					Packaging 2 - 8 - B4B
					Packaging 2 - 9 - B4B
					Packaging 2 - 10 - B4B
					Packaging 2 - 11 - B4B
					Packaging 2 - 12 - B4B
					Packaging 2 - 13 - B4B
					Packaging 2 - 14 - B4B
					Packaging 2 - 15 - B4B
					Packaging 2 - 16 - B4B
					Packaging 2 - 17 - B4B
					Packaging 2 - 18 - B4B
					Packaging 2 - 19 - B4B
					Packaging 2 - 20 - B4B
					Packaging 2 - 21 - B4B
					Packaging 2 - 22 - B4B
					Packaging 2 - 23 - B4B
					Packaging 2 - 24 - B4B
					Packaging 2 - 25 - B4B
					Packaging 2 - 26 - B4B
					Packaging 2 - 27 - B4B
					Packaging 2 - 28 - B4B
					Packaging 2 - 29 - B4B
					Packaging 2 - 30 - B4B
					Packaging 2 - 31 - B4B
					Packaging 2 - 32 - B4B
					Packaging 2 - 33 - B4B
					Packaging 2 - 34 - B4B
					Packaging 2 - 35 - B4B
					Packaging 2 - 36 - B4B
200	QC 6	6 pcs	9/12/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
					QC 6 - 81
210	Packaging 3-1 - Stock - B4B	6 pcs	9/12/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B

					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
220 QC 21 - SA	6 pcs	9/12/19	0.00 0.00	QC 21 - SA - 21	DAS	SEP 23 2019 70
QC 21 - SA - 70				QC 21 - SA - 53	DAS	9-89

Part Op 110 - OMAX (Waterjet 2) 1-Cut as per Dwg Dwg Rev: 3 Prog Rev: 3 2-Deburr if necessary
 Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)
 130 - (QC8- Inspect parts - second check) Engrave T/N And / or S/N number as required Using Marktronic engraver as per DWG.
 150 - HEAT TREATING 1--Issue P/O to Metcor ; P/O 44422 RC 44-47 2-Bead blast 3- Certificate of Conformity is required
 151 - (Receive & Inspect for Damage & Mat'l Certs)
 152 - QC6- All purchased or subcontracted products
 160 --Issue P/O; 44487 -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required
 190 - (Receive & Inspect for Damage & Mat'l Certs)
 200 - (QC6- All purchased or subcontracted products)
 210 - (Identify as per dwg & Stock Location: _____)
 220 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M4130NS.188	4130 Sheet .188	.2760 sf (.046 ea)	110-Waterjet - Omax - 1	<u>5078150</u>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Waterjet - Omax - 1	M4130NS.188	0	9	0

Part Specifications

Specifications could not be found.

Plex 7/30/19 10:57 AM Dart.lajeunesse.marie

This drawing, specifications, and concepts contained herein are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

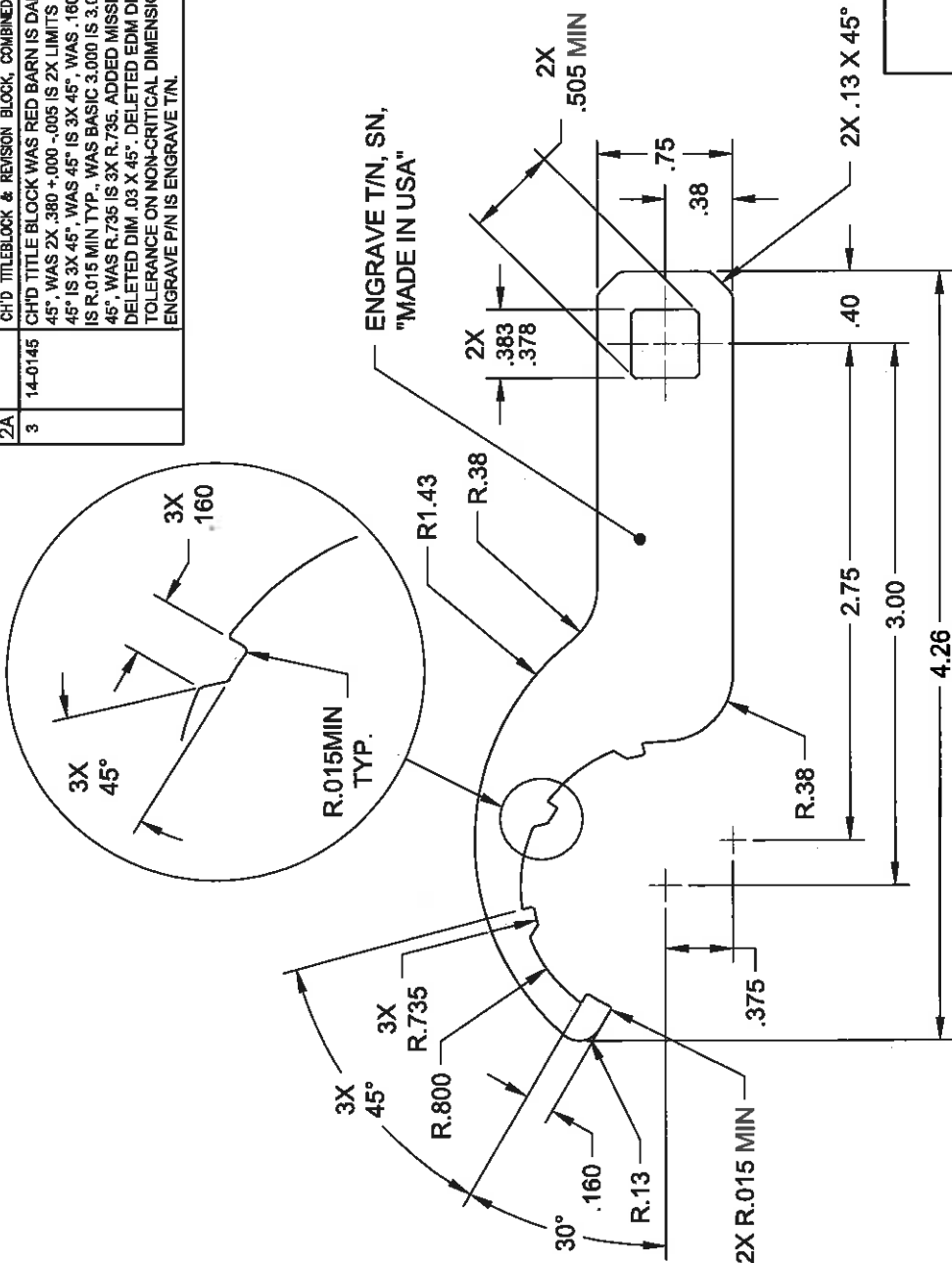
REV	EDR	DESCRIPTION	DATE	INITIAL APPROVED
1		UPDATED FOR UNIFORMITY WITH -5 (INCREASED TO R1.425).		
2		CHANGED ALPHA TO NUMERICAL REV, CH'D SQUARE SIZE/TOLERANCE.	4/23/09	RJC
2A		CH'D TITLEBLOCK & REVISION BLOCK, COMBINED EDM FILE WITH DWG.	12/8/09	RJC
3	14-0145	CH'D TITLE BLOCK WAS RED BARN IS DART. CH'D DIMS WAS 1/32 X 45° IS .03 X 45°, WAS 2X .380 ± .000 - .005 IS 2X LIMITS .383 TO .378, WAS .188 IS (.188), WAS 45° IS 3X 45°, WAS 45° IS 3X 45°, WAS .160 IS 3X .160, WAS LIMITS R.015 TO .020 IS R.015 MIN TYP. WAS BASIC 3.000 IS 3.00, WAS 2X 1/8 CHAMFER IS 2X .13 X 45° WAS R.735 IS 3X R.735, ADDED MISSING DIMS 2X .505 MIN, 2X R.015 MIN, .38, DELETED DIM .03 X 45°, DELETED EDM DETAIL & CALLOUT & Ø.250 HOLE. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS. CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE T/N.	9/8/14	DJN

SHOP COPY
RETURN TO
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UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE

WORK ORDER
NO. 198889

MUS

19-07-70



DART
AEROSPACE

TITLE TAIL ROTOR NUT WRENCH
(.75" MODEL)

DWG NO. RBD29823-5A (NEW STYLE) REV 3

MATL	4130	DRAWN BY:	COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED	<i>P. M.</i>
XXX ± .005 FRACTIONS ± 1/8		HEAT TREAT	
XX ± .01 ANGLES ± 5°		FINISH	
X ± .1		SPEC	44-47 RC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		BLACK OXIDE USED ON MODEL	
SCALE 1:1	DATE 7-31-00	MD 500 D	
		SHEET 1 of 1	

ASSEMBLY QTY	BO	PART #	QTY	DESCRIPTION	MATERIAL	BIO INFORMATION OR SPECIFICATIONS
1			1	WRENCH	4130	3/16 x 1-5/8 x 4-1/2

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION		DEPARTMENT/PROCESS																																																																									
		Rework ☐ Scrap ☐ Use-as-is ☐		Cross tube ☐ Small Fab ☐ Finishing ☐ Skid-tube ☐ Machining ☐ Large Fab ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐																																																																									
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QS1042) _____																																																																									
Description Work Order Deviation		Disposition																																																																											
Root Cause <table border="1"><tr><td>Operator</td><td>☐</td></tr><tr><td>Manufacturing Process</td><td>☐</td></tr><tr><td>Equip/Tooling</td><td>☐</td></tr><tr><td>Handling/Preservation</td><td>☐</td></tr><tr><td>Material</td><td>☐</td></tr><tr><td>Product Improvement</td><td>☐</td></tr><tr><td>Process Improvement</td><td>☐</td></tr><tr><td>Human Factors</td><td>☐</td></tr></table>		Operator	☐	Manufacturing Process	☐	Equip/Tooling	☐	Handling/Preservation	☐	Material	☐	Product Improvement	☐	Process Improvement	☐	Human Factors	☐	FAULT CATEGORY <table border="1"><tr><td>Pressure/Forced</td><td>☐</td><td>Contamination</td><td>☐</td><td>Power Loss/Surge</td><td>☐</td><td>Positioned Wrong</td><td>☐</td></tr><tr><td>Bending</td><td>☐</td><td>Misaligned/off center</td><td>☐</td><td>Folio/Program</td><td>☐</td><td>Outside Tolerance</td><td>☐</td></tr><tr><td>Crushing</td><td>☐</td><td>BOM/Route</td><td>☐</td><td>Grain Direction</td><td>☐</td><td>Drawing</td><td>☐</td></tr><tr><td>Cracks</td><td>☐</td><td>Broken/Damage/Defect</td><td>☐</td><td>Weld</td><td>☐</td><td>Finish</td><td>☐</td></tr><tr><td>Crimp/Kink/Ripple/Wave/Twist</td><td>☐</td><td>Incomplete/Unclear Instructions</td><td>☐</td><td>Wrong Stock Pulled</td><td>☐</td><td>Part Lost/Missing</td><td>☐</td></tr><tr><td>Marks/Chatter</td><td>☐</td><td>Drill Holes</td><td>☐</td><td>Out of Sequence</td><td>☐</td><td>Misread</td><td>☐</td></tr><tr><td>Mislabeled</td><td>☐</td><td>Fit/Function</td><td>☐</td><td>Off-set/Set-up</td><td>☐</td><td></td><td></td></tr></table>				Pressure/Forced	☐	Contamination	☐	Power Loss/Surge	☐	Positioned Wrong	☐	Bending	☐	Misaligned/off center	☐	Folio/Program	☐	Outside Tolerance	☐	Crushing	☐	BOM/Route	☐	Grain Direction	☐	Drawing	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Finish	☐	Crimp/Kink/Ripple/Wave/Twist	☐	Incomplete/Unclear Instructions	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐	Marks/Chatter	☐	Drill Holes	☐	Out of Sequence	☐	Misread	☐	Mislabeled	☐	Fit/Function	☐	Off-set/Set-up	☐		
		Operator	☐																																																																										
		Manufacturing Process	☐																																																																										
Equip/Tooling	☐																																																																												
Handling/Preservation	☐																																																																												
Material	☐																																																																												
Product Improvement	☐																																																																												
Process Improvement	☐																																																																												
Human Factors	☐																																																																												
Pressure/Forced	☐	Contamination	☐	Power Loss/Surge	☐	Positioned Wrong	☐																																																																						
Bending	☐	Misaligned/off center	☐	Folio/Program	☐	Outside Tolerance	☐																																																																						
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Mislabeled	☐	Fit/Function	☐	Off-set/Set-up	☐																																																																								
Other/Details: _____																																																																													
Completed By		Lead hand / Supervisor																																																																											
		QC / QA Coordinator																																																																											



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB044422



Supplier: ATL002-VC
Atlantic Heat Treat 2001
401 Frankcom
Ajax
ON
L1S 1R4 Canada
Phone: 866 257 6395

Attention: Ananth, Nimmy

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044422

PO Date: 9/4/19

Due Date: 9/13/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198489	RBD29823-5A	Tail Rotor Nut Wrench "D" Model (New Design) HEAT TREATING 1-Issue P/O RC 44-47 Material 4130 2-Bead blast Lightly oil 3- Certificate of Conformity is required	Firmed	-	9/13/19	6 pcs	0 pcs	6 pcs	\$14.1666/pcs	\$85.00
SEP 10 2019 S208692 AC											
2	198346	C10-6	Trunnion (Outsource process - Heat Treat) 1-Issue P/O RC 44-46 2-Bead blast 3-Material type; 4140 Lightly oil 4- Certificate of Conformity is required	Firmed	-	9/13/19	9 pcs	0 pcs	9 pcs	\$20.00/pcs	\$180.00
3	199745	RB T102137-107-105	Strap 1-Issue P/O; RC 48-52 2-Bead blast 3-Material type; O1 Lightly oil 4- Certificate of Conformity is required	Firmed	-	9/13/19	4 pcs	0 pcs	4 pcs	\$15.4545/pcs	\$61.82
S210735 SEP 10 2019 AC											



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Canada

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PURCHASE ORDER

POHB044422



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
199742				Firmed	-	9/13/19	7 pcs	0 pcs	7 pcs	\$15.4545/pcs	\$108.18
Sub Total:							11	0	11		\$170.00

Grand Total: \$435.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/9/19 2:50 PM Dart.Guerin.Kimberley

Shipping Ticket

Sold To: 1448
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Ship To: 166596
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Page 1 of 1

Purchase Order Number	Packing List No	Customer Job No	Route	Carrier
POHB044422				

Quantity	Part No. / Part Name / Part Description	Pounds
6 PCS	MATERIAL 4130 BEAD BLAT AND HEAT TREAT TO 44-47RC C OF C, PRT# TBD29823-5A, JOB# 198489	

Container Type	# Of Containers	Cust Cont Id	Container Type	# Of Containers	Cust Cont Id
BOX	1				

NOTICE: OUR LIABILITY IS LIMITED TO OUR INVOICE CHARGES ONLY

Shipped Complete

Quantity Shipped:

6

Pounds Shipped:

1.00

DAS
81
9-89

RECEIVED

SEP 10 2019

DART AEROSPACE LTD.

4 SRC NB

9-9-19

Order No.: 169733

Shipped Complete

Quantity Shipped:

6.00

Received By:

Date:

Pounds Shipped:

1.00

Sold To: DART AEROSPACE LTD.

Shipped ON: 09/05/2019

Certification

Date: 09/09/2019

Entry Date: 09/05/2019

Page: 1 of 1

To:

DART AEROSPACE LTD.
1270 ABERDEEN ST

Purchase Order No.: POHB044422 ✓

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 4130

We are pleased to provide you with the following Certificate of Compliance.

Quantity	Part Number / Part Name / Part Description	Pounds
6 ✓	6 PCS MATERIAL 4130 BEAD BLAT AND HEAT TREAT TO 44-47RC C OF C, PRT# TBD29823-5A, JOB# 198489 ✓	1

Insp. Type	Scale	Minimum	Maximum	Number	Other
------------	-------	---------	---------	--------	-------

Customer Requirements:

Harden rockwell

DAS
81
9-89

Results:

Harden ROCKWELL 44. 47. 45. TESTED AS PER SAMPLING PLAN

HEAT TREATED TO 45 RC AS PER CUSTOMER REQUEST

STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY). ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER. IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE OF CAPABILITIES OF THE MATERIAL AS HEAT TREATED, OR THE HEAT TREATMENT. THE AFOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for rupture caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.

JOSE GONZALEZ
QUALITY CONTROL

ATLANTIC HEAT TREATING 2001 LTD



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB044487**



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044487

PO Date: 9/12/19

Due Date: 9/20/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pymt Terms: Net 60

Freight Terms:

Special Comments:

RECEIVED
SEP 13 2019

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	199144	RBW6522A00231-W142AJ-3T-9	Large Knob (Outside Processing - Black Oxide) - Issue P/O to Groupe Altech; PO - Black oxide finish, MIL-C-13924C Class 1 - Certificate of Conformity is required	Firmed	-	9/20/19	6 pcs	0 pcs	6 pcs	\$5.71428/pcs	\$34.29
2	199334	RBW6521A00138-W142AH-3T-11	Wrench - Issue P/O; - Black oxide finish, MIL-C-13924C Class 1 - Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. - Material type; 4140 - Certificate of Conformity is required	Firmed	-	9/20/19	4 pcs	0 pcs	4 pcs	\$5.71428/pcs	\$22.86

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SEP 20 2019

DP



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044487



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	198489	RBD29823-5A	Tail Rotor Nut Wrench "D" Model (New Design) -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	-	9/20/19	6 pcs	0 pcs	6 pcs	\$5.71428/pcs	\$34.29
4	196077	RBW5605G00351-3G-1	Shoe -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	9/20/19	5 pcs	0 pcs	5 pcs	\$5.71428/pcs	\$28.57
Grand Total:										\$120.00	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044487



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/13/19 3:48 PM Dart.Guerin.Kimberley

**Certificat de Conformité / Certificate of Compliance**
(022385-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupaltech.com

Bon de Livraison / Packing Slip**022385 - 1**

Livré à / Ship to

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By		Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.			
19-Sep-2019		Jigar Patel				POHB044487			
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Quantités / Quantities					
				Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir / Back Order	
2	RBW6521A00138-W142AH-3T-11 Rev.	RBW6521A00138-W142AH-3T-11 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	4	4	0	0	0	
3	RBD29823-5A Rev.	RBD29823-5A OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	BLACK-OXIDE CH	6	6	0	0	0	
4	RBW5605G00351-3G-1 Rev.	RBW5605G00351-3G-1 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL -C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS	OXIDE-BLACK CH	5	5	0	0	0	

DAS
81
9-89

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SEP 20 2019
DART AEROSPACE LTD.

**DAS
81
9-89****RECEIVED**
SEP 20 2019
DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Épaisseur réelle
Actual ThicknessInspecteur Qualité
Quality InspectorRéçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.